



Sherry Laboratories - Louisiana
2417 W. Pinhook Road
Lafayette, LA 70508-3344
TEL: 337.235.0483 FAX: 337.233.6540
Website: www.sherrylabs.com

April 13, 2011

Gary Slaven
Firestone Polymers
P O Box 1361
Lake Charles, LA 70602
TEL: (337) 882-5390
FAX (337) 882-6051

RE: 001

Order No.: 11040425

Dear Gary Slaven:

Sherry Laboratories/Louisiana received 1 sample(s) on 4/11/2011 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies and all test results meet all requirements of TNI. All relevant sampling information is on the attached Chain-of-Custody form.

All soil data, except for 29-B, are on a wet-weight basis unless otherwise indicated in the units field as –dry.

LELAP Certification No.: 01997. A scope of accredited parameters is available upon request. A "#" by the test method indicates this parameter is outside the scope of accreditation.

Estimated uncertainty is available upon request. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding these test results, please feel free to call.

Annie Reedy
Assistant Lab Director
2417 W. Pinhook Road
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Case Narrative

WO#: 11040425

Date: 4/13/2011

CLIENT: Firestone Polymers

Project: 001

Unless specified by the client, a duplicate or MS/MSD, wherever applicable, is randomly selected and analyzed from each analytical batch provided sample volume is sufficient. The sample chosen for duplicate or MS/MSD may or may not be a sample submitted in this workorder. A method blank and/or a lab control sample (LCS)/lab control sample duplicate (LCSD), wherever applicable, are processed as a quality control check for each analytical batch. When the matrix QC data is not available due to insufficient sample volume or when the results indicate possible matrix effect, the validity of the batch is determined by the method blank and LCS/LCSD.

Any other exceptions associated with this report will be footnoted in the results page(s) or the QC summary page(s).



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Analytical Report

(consolidated)

WO#: **11040425**

Date Reported **4/13/2011**

CLIENT: Firestone Polymers **Collection Date:** 4/7/2011 11:15:00 AM
Project: 001
Lab ID: 11040425-001 **Matrix:** AQUEOUS
Client Sample ID 001

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL				E335.4		Analyst: SXP
Cyanide	< 0.0100	0.0100		mg/L	1	4/11/2011 4:00:00 PM

Qualifiers:	* / X	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	C	Value is below Minimum Compound Limit.	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	M	Matrix Interference	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	P	Second column confirmation exceeds
	PL	Permit Limit	R	RPD outside accepted recovery limits
	RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 11040425

13-Apr-11

Client: Firestone Polymers

Project: 001

BatchID: R4317

Sample ID	MB-R4317	SampType:	MBLK	TestCode:	CN_W_335.4	Units:	mg/L	Prep Date:		RunNo:	4317		
Client ID:	PBW	Batch ID:	R4317	TestNo:	E335.4			Analysis Date:	4/11/2011	SeqNo:	84737		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.0100 0.0100

Sample ID	LCS-R4317	SampType:	LCS	TestCode:	CN_W_335.4	Units:	mg/L	Prep Date:		RunNo:	4317		
Client ID:	LCSW	Batch ID:	R4317	TestNo:	E335.4			Analysis Date:	4/11/2011	SeqNo:	84738		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.186 0.0100 0.2000 0 93.0 90 110

Sample ID	11040055-001AMS	SampType:	MS	TestCode:	CN_W_335.4	Units:	mg/L	Prep Date:		RunNo:	4317		
Client ID:	ZZZZZZ	Batch ID:	R4317	TestNo:	E335.4			Analysis Date:	4/11/2011	SeqNo:	84740		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 9.02 0.500 10.00 2.420 66.0 90 110 S

Sample ID	11040055-001AMSD	SampType:	MSD	TestCode:	CN_W_335.4	Units:	mg/L	Prep Date:		RunNo:	4317		
Client ID:	ZZZZZZ	Batch ID:	R4317	TestNo:	E335.4			Analysis Date:	4/11/2011	SeqNo:	84741		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 9.44 0.500 10.00 2.420 70.2 90 110 9.015 4.61 20 S




Qualifiers:

*/X Value exceeds Maximum Contaminant Level.
 E Value above quantitation range
 M Matrix Interference
 PL Permit Limit
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits

C Value is below Minimum Compound Limit.
 J Analyte detected below quantitation limits
 P Second column confirmation exceeds
 RL Reporting Detection Limit

Sample Log-In Check List

Client Name:	FIRESTONE_LC		Work Order Number:	11040425
Logged by:	Nicole Kierum	4/11/2011 12:10:00 PM		
Completed By:	Nicole Kierum	4/11/2011 1:01:46 PM		
Reviewed By:	Heather Delay	4/12/2011 11:06:42 AM		

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Sherry

Log In

4. Coolers are present? Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☒ NA ☐

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:
Date and time of client's relinquish signature does not match drivers

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.2	Good	Not Present			



Sherry Laboratories - Chain of Custody Record

Laboratory Number:

11/11/2017

Client Information:		Billing Information:		PO Number:		Project Name/Number:		Page 1 of 1	
Company Name: FIRESTONE		FIRESTONE						Matrix Code	
Contact Name: DARR COLE				Quote Number:				DW = Drinking Water WW = Waste Water	
Address:				Required QC Level		Sampler's Signature: <i>M. Devesa</i>		GW = Ground Water AQ = Aqueous SL = Sludge O = Oil F = Food NG = Natural Gas NGL = Natural Gas Liquid PW = Produced Water CF = Completion Fluid	
City, State, Zip: Davenport, IA		Ext:		Bill Monthly		Shipping Method: UPS / FedEx / Airborne DHL / Sherry / Hand / Mail		OT = Other SOL = Solid SO = Soil SW = Swab	
Phone Number:				<input type="checkbox"/> Yes					
Fax Number:				<input type="checkbox"/> No					
E-mail Address:									

[illegible]

	Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1	M. Davis	4/7/11 - 11:25	[Signature]	4/11/11 0825	
2					Received at lab on ice?
3	[Signature]	4/11/11 1210	[Signature]	4/11/11 1210	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Temp: 4-2°C 25

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

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